

KACO new energy GmbH • Carl-Zeiss-Str. 1 • 74172 Neckarsulm • Germany

<b>Product description:</b>	<b>Photovoltaic feed-in inverter</b>
<b>Type designation:</b>	<b>KACO blueplanet 87.0 TL3 M1, 92.0 TL3 M1, 105 TL3 M1, 110 TL3 M1, 125 TL3 M1, 137 TL3 M1, 150 TL3 M1, 155 TL3 M1, 165 TL3 M1</b>

Your ref.:

Our ref.:

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Date: July/12/2021

Dear customer,

We hereby confirm that the devices listed above can be connected directly to **“Potential Induced Degradation” (PID)** regeneration devices, taking into account conditions described below.

**Mandatory equipment:** KACO PID Connection Set

Additional safety measures might become necessary when installing a PID regeneration system. Kindly refer to the corresponding manuals.

**PID regeneration devices:**

Regeneration voltage type:	DC
Regeneration voltage connection:	PV+ to Ground
Maximal regeneration voltage:	1000Vdc
Maximal PV Voltage while regeneration:	≤ 200Vdc



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PID regeneration devices can compensate for the effects of “Potential Induced Degradation” (PID) within the field. This is realised by application of a regeneration voltage to PE at the positive pole of the PV generator during twilight or night hours.

Unauthorised modifications to the supplied inverters and/or any use of the units that is contrary to their proper use will render this declaration null and void.

i.V Ronak Shah  
Head of Offer Management & Technical Support

i.V. Matthias Haag  
Head of R&D and Technology

Neckarsulm,  
12/07/2021  
KACO new energy GmbH